TRANSLATION PATENT COOPERATION TREATY POT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference										
P3051/PCT W/HU	FOR FURTHER ACTION	See Form PCT/IPEA/416								
International application No.	International filing date (day/month/year)									
PCT/EP2004/013826	06.12.2004	11.12.2003								
, , , , , , , , , , , , , , , , , , , ,	International Patent Classification (IPC) or national classification and IPC									
B21D22/02 B21D22/22 B23P15/00										
Applicant TAMBERNAM TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN										
FEINTOOL INTERNATIONAL HOLDING AG										
This report is the international preli under Article 35 and transmitted to the		this International Preliminary Examining Authority								
2. This REPORT consists of a total of	sheets, inc	luding this cover sheet.								
3. This report is also accompanied by A	ANNEXES, comprising:									
a. (sent to the applicant and	d to the International Bureau) a total of _6	sheets, as follows:								
sheets of the descri	ption, claims and/or drawings which have b	een amended and are the basis for this report and/or								
sheets containing re Instructions).	ectifications authorized by this Authority (se	ee Rule 70.16 and Section 607 of the Administrative								
		y considers contain an amendment that goes beyond								
Box.	le international application as filed, as indi	cated in item 4 of Box No. I and the Supplemental								
b. (sent to the International	Bureau only) a total of (indicate type and n	umber of electronic carrier(s))								
		, containing a sequence listing and/or tables								
		upplemental Box Relating to Sequence Listing (see								
Section 802 of the Adminis	strative Instructions).									
4. This report contains indications relat	ing to the following items:									
Box No. I Basis of the	e report									
Box No. II Priority										
Box No. III Non-establ	ishment of opinion with regard to novelty, i	nventive step and industrial applicability								
Box No. IV Lack of un	ity of invention									
Box No. VI Certain do										
Box No. VII Certain def										
Box No. VIII Certain obs	Box No. VIII Certain observations on the international application									
Date of submission of the demand	Date of completion	of this report								
Same of succession of the demand	Suc of completion	or this report								
Name and mailing address of the IPEA/EP	Authorized officer									
Facsimile No.	Telephone No.									

International application No.

PCT/EP2004/013826

Вох	No. I	В	asis of the report					
1.		n regard to t cated under	the language, this report is based on the internation this item.	nal application in the language in	which it	was filed, unless otherwise		
			rt is based on translations from the original langua he language of a translation furnished for the purp			,		
		inte	rnational search (Rule 12.3 and 23.1(b))					
		pub:	lication of the international application (Rule 12.4))				
		inte	rnational preliminary examination (Rule 55.2 and/	or 55.3)				
2.	rece	n regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the iving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to report):						
		the interna	ational application as originally filed/furnished					
	\boxtimes	the descri	ption:					
		pages _	3-9			as originally filed/furnished		
		pages* _	1,2,2a	received by this Authority on		.2005 with letter		
		pages* _		received by this Authority on				
	\boxtimes	the claims	s:					
		nos.				as originally filed/furnished		
		nos.*			r with an	y statement) under Article 19		
		nos.* 1	L -1 7		26.10	.2005 with letter		
		nos.*						
	\boxtimes	the drawin	ngs:					
		sheets	1/4-4/4			as originally filed/furnished		
		sheets*						
		sheets*						
	П		re listing and/or any related table(s) – see Suppleme					
2	\Box			chiai Box Relating to sequence E	isting.			
3.	ш		adments have resulted in the cancellation of:					
			description, pages					
			claims, nos.			_		
			drawings, sheets/figs			_		
4	_		table(s) related to sequence listing (specify):		11 4 1 1	1 1 1 (1 1 1 1		
4.	Ш	they have	rt has been established as if (some of) the amend been considered to go beyond the disclosure as fil	ed, as indicated in the Supplemen	ıtal Box (
		the the	description, pages					
		the the	claims, nos.					
		the	drawings, sheets/figs					
		the	sequence listing (specify):					
		any	table(s) related to sequence listing (specify):					
*	If ite	m 4 applies	s, some or all of those sheets may be marked "supe	erseded."				

International application No.
PCT/EP2004/013826

Box			ticle 35(2) with regard to novelty, inventive step or industrial applicability; oporting such statement	
1.	Statement			
	Novelty (N)	Claims	1-17	YES
		Claims		NO
	Inventive step (IS)	Claims	2,4,6-17	YES
			1,3,5	NO
	Industrial applicability	(IA) Claims	1-17	YES
		Claims		NO

2. Citations and explanations (Rule 70.7)

This report makes reference to the following document:

D1: CH 636 542 A5 (STATNIK, MAX, ET CO. SA)
15 June 1983

1. Claims 1 to 10

1.1 D1 is regarded as the prior art closest to the subject matter of claim 1. It discloses (the reference signs in parentheses refer to said document): a method for producing a thin-walled component (see abstract and figure 2), wherein a strip of material is clamped between a clamping plate having a depression and a guide plate for guiding a drawing punch, and using the drawing punch, a contour for the component is drawn into the depression in the clamping plate (see page 2, right-hand column, lines 12-21 and figure 1a, the clamping plate and guide plate are implicitly disclosed), after which an inner

Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

contour (figure 2 1k and page 2, right-hand column, lines 33-35) is cut out and then a wall area of the component is stretched to size between the inner contour and the remaining strip of material (figure 4 and page 2, right-hand column, lines 39-41).

Therefore, the subject matter of claim 1 differs from the known method in that after the wall is stretched to size, an outer contour of the component is cut from the strip of material and the component is produced.

Therefore, the subject matter of claim 1 is novel (PCT Article 33(2)).

The problem to be solved by the present invention can be regarded as that of separating the component and the strip of material.

The solution to this problem as proposed in claim 1 of the present application cannot be regarded as inventive for the following reasons (PCT Article 33(3)):

It is clear to a person skilled in the art that the component and the strip of material have to be separated. D1 does not mention specifically when this separation takes place. To a person skilled in the art,

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

however, this is merely one of several obvious possibilities from which a person skilled in the art would choose according to the circumstances in order to solve the problem of interest, without thereby being inventive.

- 1.2 The subject matter of claim 3 is not inventive. D1 shows that the drawing punch causes the thickness of the component wall to be reduced in relation to the thickness of the strip of material (see figure 1i and page 2, right-hand column, line 32).
- 1.3 The subject matter of claim 5 lacks an inventive step. D1 shows that when the component is stretched to size, its wall thickness is reduced in relation to the thickness of the strip of material (page 2, right-hand column, lines 53-55).
- 1.4 Claims 2, 4 and 6-10 appear to meet the PCT requirements for novelty and inventive step.
- 2. Claims 11-17

PCT Article 6

Claims 12-17 lack clarity. They refer to the method claims 11-16, which are device claims. Claims 13-17 are interpreted as dependent claims, i.e. devices according to claim 11.

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Furthermore, claims 15-17 do not contain any device features, but rather only product features.

2.1 D1 is regarded as the prior art closest to the subject matter of claim 11. It discloses (the reference signs in parentheses refer to said document):

a device for carrying out the method according to claim 1, wherein a cutting punch extends through an additional guide plate in order to cut out the inner contour.

Therefore, the subject matter of claim 11 differs from the known method in that an inclined pressure wall of the cutting punch rests on the wall area of the component such that the component is held between the pressure wall and a support surface of a clamping plate, the support surface at least partially encompassing an opening into which the cutting punch travels.

Therefore, the subject matter of claim 11 is novel (PCT Article 33(2)).

The problem to be solved by the present invention can be regarded as that of providing a device by means of which thinwalled components can be produced with great precision.

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The solution to this problem as proposed in claim 11 of the present application involves an inventive step (PCT Article 33(3)) because the combination of features contained in independent claim 9 is neither known from nor rendered obvious by the available prior art.

2.2 Claims 12-17 are interpreted as being dependent on claim 11 and therefore they likewise meet the PCT requirements for novelty and inventive step.